Contents

Volume 81, Issue 1, February 2000

1 **Cardiovascular pathology in the year 2000 review** Cytokines and their receptors in cardiovascular diseases - Role of gp130 signalling pathway in cardiac myocyte growth and maintenance
K. Yamauchi-Takihara and T. Kishimoto

17 **Current Status Review** Hepatocyte growth factor/scatter factor-induced intracellular signalling
G.G. Skouteris, K.A. Stuart, S.M. Riordan, S. Lidder, L. Crostella and R. Williams

31 Morphological features of Murray Valley encephalitis virus infection in the central nervous system of Swiss mice
V. Matthews, T. Robertson, T. Kendrick, J. Papadimitriou and P. McMinn

41 Neutrophil-independent protective effect of r-metHuG-CSF in ischaemia-reperfusion injury in rat skeletal muscle
K.R. Knight, J.C. Leong, M.J. Hickey, W.A. Morrison and A.G. Stewart

51 Warfarin exposure and calcification of the arterial system in the rat
W.S. Webster and A.M. Howe

57 Cholesterol standardised plasma vitamin E levels are reduced in patients with severe angina pectoris
G.A.A. Ferns, J. Williams, L. Forster, S. Tull, B. Starkey and A. Gershlick

Volume 81, Issue 2, April 2000

63 **Cardiovascular pathology in the year 2000** The mechanisms of coronary restenosis: insights from experimental models
G.A.A. Ferns and T.Y. Avades

89 **Current Status Review** The clonal origin and clonal evolution of epithelial tumours
S.B. Garcia, M. Novelli and N.A. Wright

117 **Current Status Review** Epithelial stem cell repertoire in the gut: clues to the origin of cell lineages, proliferative units and cancer
N.A. Wright

145 **Current Status Review** Animal models of acute hepatic failure
T.M. Rahman and H.J.F. Hodgson

159 Cytokine expression by cultured osteoblasts from patients with osteoporotic fractures
C.A. Walsh, M.A. Birch, W.D. Fraser, A.F. Ginty and J.A. Gallagher

165 Antiviral effect of nitric oxide during Japanese encephalitis virus infection
S.K. Saxena, A. Singh and A. Mathur

Volume 81, Issue 3, June 2000

173 **Cardiovascular pathology in the year 2000** The extracellular matrix can regulate vascular cell migration, proliferation, and survival: relationships to vascular disease
E. W. Raines

183 Synovial chondromatosis: the possible role of FGF 9 and FGF receptor 3 in its pathology
D. Robinson, A. Hasharoni, Z. Evron, M. Segal and Z. Nevo

191 2.5 kDa and 5.0 kDa heparin fragments specifically inhibit microvessel sprouting and network formation in $VEGF_{165}$-mediated mammalian angiogenesis
K. Norrby

199 Treatment with BB-94, a broad spectrum inhibitor of zinc-dependent metalloproteinases, causes deviation of the cytokine profile towards Type-2 in experimental pulmonary tuberculosis in Balb/c mice
R. Hernandez-Pando, H. Orozco, K. Arriaga, L. Pavön and G. Rook

211 Immunopathology of *in situ* seminoma
B. Bols, L. Jensen, A. Jenson and O. Brændstrup

Volume 81, Issue 4, August 2000

219 **Cardiovascular pathology in the year 2000** Cigarette smoking, endothelial injury and cardiovascular disease
R.M. Pittilo
231 Accumulation of amyloid-β protein in exocrine glands of transgenic mice overexpressing a carboxyl terminal portion of amyloid protein precursor
K. Fukuchi, L. Li, M. Hart and J.R. Lindsey
241 Cell cholesterol esters and high-density lipoprotein plasma levels during liver hyperplasia in choline-fed male and female rats
L. Tessitore, B. Batetta, B. Vizio, M.F. Mulas, B. Marengo and S. Dessi
249 Insulin-like Growth Factor (IGF)-I affects parasite growth and host cell migration in experimental cutaneous leishmaniasis
C.M.C. Gomes, H. Goto, V.L.R. da Matta, M.D. Laurenti, M. Gidlund and C.E.P. Corbett
257 Antioxidant status in delayed healing type of wounds
A.M. Rasik and A. Shukla
265 Endocrine cells in the denervated intestine
G.C. Santos, S. Zucoloto and S.B. Garcia
271 Demyelination and axonal dystrophy in alpha A-crystallin transgenic mice
E.P.C.T. de Rijk, A.F. van Rijk, E. van Esch, W.W. de Jong, P. Wesseling and H. Bloemendal

Volume 81, Issue 5, October 2000

283 Gene-environment interactions and the response to exercise
H. Montgomery and D. Brull
289 **Granulomatous diseases**
P. Kaye
291 **Granulomatous diseases** Osteoclasts and giant cells: macrophage-macrophage fusion mechanism
A. Vignery
305 **Current Status Review** GB virus C/hepatitis G virus (GBV-C/HGV): still looking for a disease
M.A. Sathar, P.N. Soni and D. York
323 **Current Status Review** The pathogenic activation of calpain: a marker and mediator of cellular toxicity and disease states
P.W. Vanderklish and B.A. Bahr
341 Collagen metabolism disturbances are accompanied by an increase in prolidase activity in lung carcinoma planoepitheliale
E. Karna, A. Surazynski and J.A. Palka
MR Meeting Report
British Society for Matrix Biology meeting, London, 3-4 April 2000. Molecular cell biology of the synovial joint
R. Maciewicz

Volume 81, Issue 6, December 2000

349 **Cardiovascular pathology in the year 2000** Metabolic cardiomyopathies
B. Guertl, C. Noehammer and G. Hoefler
373 **Granulomatous diseases** Osteopontin: a key cytokine in cell-mediated and granulomatous inflammation
A. O'Regan and J.S. Berman
391 **Current Status Review** Subtractive hybridisation - genetic takeaways and the search for meaning
R.J. Byers, J.A. Hoyland, J. Dixon and A.J. Freemont
405 **Current Status Review** Calcitonin and calcitonin receptors: bone and beyond
M.D. Pondel

423 Constitutively synthesized nitric oxide is a physiological negative regulator of mammalian angiogenesis mediated by basic fibroblast growth factor
K. Norrby

429 Synergistic action of endothelin (ET)-1 on the activation of bronchial fibroblast isolated from normal and asthmatic subjects
J. Dubé, J. Chakir, C. Dubé, Y. Grimard, M. Laviolette and L.-P. Boulet

439 Author Index to Volume 81